Ministry of Education, Human Resource Development
Dominica

Grade 6
National Assessment
May 25, 2017

TIME: 90 Minutes

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM

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MINISTRY OF EDUCATION AND HUMAN RESOURCE DEVELOPMENT

INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS 60 QUESTIONS.

2. YOU HAVE 90 MINUTES (1 1/2 hours) TO COMPLETE THIS PAPER.

3. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT MATCHES THE ANSWER YOU HAVE CHOSEN.

4. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE:

1. Which of the following is a noun?

   A. Alvin  
   B. jump    
   C. because 
   D. under

The correct answer is Alvin, letter A. On your answer sheet you mark:

   A.       B    C.       D

If you need to change your answer, erase it and circle your new answer.

5. If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.
GRAMMAR AND USAGE

Read the sentences in questions 1 – 4. Choose the word or groups of words that best Complete(s) each sentence?

1. There were supposed to be shooting stars tonight, but we ___________.
   A. didn’t see none
   B. never saw nothing
   C. didn’t see any
   D. never saw none

2. “This is the ___________ story I have ever read,” she declared.
   A. sillier
   B. silliest
   C. most silly
   D. more silly

3. Sally missed several classes ___________ she was unable to do the exam.
   A. therefore
   B. also
   C. but
   D. however

4. What does your ___________ flag look like?
   A. countries
   B. country’s
   C. country
   D. countries’

Which pair of pronouns is most suitable to complete the sentence below?

5. The teacher split ___________ into teams. ___________ were batting; the other team was fielding.
   A. us We
   B. them I
   C. her She
   D. they He
6. Which sentence is grammatically correct?
   A. The farmers have grown lots of vegetables this year.
   B. Dad will be away for a week, so the weeds have grown a lot.
   C. Mother’s sunflowers have grown very quickly last year.
   D. We have grown some broccoli in our garden at the moment.

7. All of these are ways to correct the sentence below EXCEPT:
   I love to write poems I write one to my mum every day.
   A. I love to write poems; I write one to my mum every day.
   B. I love to write poems: I write one to my mum every day.
   C. I love to write poems. I write one to my mum every day.
   D. I love to write poems, and I write one to my mum every day.

Choose the letter that shows an error in the sentence in Questions 8 - 10

8. The price of the boys’ bikes have increased unexpectedly.
   A               B          C                   D

9. My teacher told my mother that my grades were worst than the previous year.
   A                                       B                  C

10. The committee was in agreement of the decision taken.
    A               B          C                   D

VOCABULARY

Choose the correct word needed to complete the sentences in questions 11 - 12.

11. Sarah was as proud as a _______ when she won the crown.
    A. mouse
    B. monkey
    C. peacock
    D. cat

12. Because the store had __________, Mother could afford to buy five dresses.
    A. discounts
    B. excesses
    C. losses
    D. purchases
Choose the word **SIMILAR** in meaning to the underlined words in questions 13 - 16.

13. Superman is famous for his **brawn**. He can lift buildings with his bare hands
   A. intelligence
   B. beauty
   C. bravery
   D. strength

14. The new playground equipment must be **sturdy** and affordable.
   A. enjoyable
   B. safe
   C. educational
   D. strong

15. Peter can pat his head and rub his stomach **simultaneously**.
   A. hard
   B. at the same time
   C. with rhythm
   D. smoothly

16. Mountain climbing is an exciting but **hazardous** sport
   A. noble
   B. pleasant
   C. dangerous
   D. manly

Choose the word that is **OPPOSITE** in meaning to the underlined words.

17. My dad is driving an **old fashioned** jeep.
   A. automatic
   B. expensive
   C. foreign
   D. modern
Choose the correct word to REPLACE the underlined words in questions 18 - 19.

18. I **went through** much hardship before I could pass the driving test.
   A. created   
   B. enjoyed  
   C. experienced  
   D. accepted  

19. The **person who writes articles for the newspaper** was awarded a Certificate of Excellence for a very informative article.
   A. journalist  
   B. editor  
   C. producer  
   D. author  

Read the statement and choose the correct answer.

20. Choose the PREFIX of the underlined word to make it the OPPOSITE.

   Everyone at the meeting **agreed** with Mr. Lewis’ point.
   A. un  
   B. dis  
   C. re  
   D. in  

**SPELLING AND PUNCTUATION**

Choose the word that is correctly spelt to complete the sentences in questions 21 - 25

21. I don't know __________ to trust the soldier or not.
   A. weather  
   B. wheter  
   C. wheather  
   D. whether
22. I ran out of paper and pens, so I bought some at the __________ shop.
   A. stationnery  
   B. stationery  
   C. stationarry  
   D. stationary

23. The __________ climber fell over the rock and broke his leg.
   A. adventurous  
   B. adventerus  
   C. adenterous  
   D. advanturous

24. Pam ________ a big fruitcake for Christmas.
   A. receieved  
   B. received  
   C. receved  
   D. recived

25. The puppy ________ with the toy, while on his morning walk.
   A. restled  
   B. wresled  
   C. wrestled  
   D. resled

Identify the underlined word or phrase, in questions 26 – 28, which has an incorrectly spelt word

26. A. She ______________ the bus.
    B. a pair of ________________
    C. the box of ______________
    D. let the ______________ heal

27. A. The choir was singing a ________________.
    B. He climbed to the ________________ peak
    C. Could you please ________________ the window?
    D. Hannah slept all ________________.
28.  A. I can’t find the **sole** of my shoes.
    B. Jesse can draw a **straight** line.
    C. **Wednesday** is my favourite day of the week.
    D. The hero will **accept** the award.

**STUDY SKILLS**

Use the encyclopedia library to answer questions 29.

29. In which volume of the encyclopedias below would you most likely find information about kangaroos?

   A. volume 1
   B. volume 2
   C. volume 3
   D. volume 4

30. Which of these would you **most likely** use to find the population of a country?
    
    A. thesaurus
    B. almanac
    C. directory
    D. atlas

31. Which word would you find on a dictionary’s page with the following **guide** words? **strike** - **stringy**

    A. straight
    B. struggle
    C. string
    D. strict
Use the excerpt to answer questions 32 - 33.

| date - /n/ pl. dates | 1. the day of the month of the year: The date on the letter was 10th March. 2. a planned arrangement to go out with someone: I have a dinner date planned for Friday night. 3. A kind of fruit that is brown and sweet and grows on a palm tree: Lisa served the guest dates in the salad. 4. a statement of time on something: What date is written on the coin? |

32. The excerpt shown above is most likely from a
   A. story book
   B. dictionary
   C. magazine
   D. index card

33. Which definition of date is used in this sentence?

   *The bag of nuts that we bought had dates and almonds in it.*
   
   A. Definition 1
   B. Definition 2
   C. Definition 3
   D. Definition 4
This page shows the part of a book. Use it to answer questions 34 - 35.

### CHAPTER

<table>
<thead>
<tr>
<th>Chapter</th>
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<td>1</td>
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<td>2</td>
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<td></td>
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</tr>
</tbody>
</table>

34. From what part of the book was this page taken?
   A. table of contents
   B. front page
   C. index
   D. text box

35. How many chapters are in this text?
   A. 5
   B. 6
   C. 7
   D. 8

36. Sam wants to find the pages with the word *prey*. Which section should he use?
   A. table of content
   B. glossary
   C. caption
   D. index
COMPREHENSION

1. This section contains 4 passages and 24 questions.
2. Read each passage carefully then answer the questions that follow.
3. If you are unsure of an answer, leave it and move on to the next. You may return to the ones you have not answered if you have enough time.
Read the following advertisement carefully and answer the questions 37 - 42.

Are you tired of looking for your dream home? Are you starting to think it doesn’t exist? Well think again! Your dream home does exist, and it’s waiting for you here at beautiful Sunny Waters.

Sunny Waters is only ninety miles from the city! There’s nothing here but beautiful houses and lots of lovely trees. You’ll live in peace and quiet!

At Sunny Waters you will step outside your front gate into the shores of your sparkling neighborhood lake. At Sunny Waters you can have boating and fishing right at your front door!

You’ll never be alone at Sunny Waters. All your friends will want to visit when you live in this wonderful place. And it’s easy to get here. Trains and buses travel to Sunny Waters every day.

Call now and we’ll send you our full colour brochure along with our price list. The minute you open the brochure you’ll like what you see.

Come to Sunny Waters today. Your dream home is waiting for you.

Just look for the sign with the smiley swimmers.
37. Sunny Waters is a
   A. beautiful dream home
   B. place that exists in one’s dreams
   C. real house
   D. real place with beautiful houses

38. What does the phrase ‘dream home’ mean?
   A. the home someone saw in a dream
   B. the home someone dreams in
   C. the perfect home someone wants to live in
   D. the home someone wants for a while

39. Who would most likely respond to the information in the text?
   A. adults interested in purchasing a house
   B. children who wants to leave in paradise
   C. people living in Sunny Waters
   D. anyone who has money

40. Which statement is an opinion?
   A. Sunny Waters is ninety miles from the city
   B. Trains and buses travel to Sunny Waters every day.
   C. You’ll never be lonely at Sunny Waters.
   D. There are houses and trees in Sunny Waters.

41. Based on the passage what do you think one will most likely see in the brochure?
   A. the price list of houses
   B. pictures of different houses
   C. pictures of beautiful cars
   D. the different colours at Sunny Waters

42. The purpose of this advertisement is to
   A. give little information about Sunny Waters
   B. persuade someone to visit Sunny Waters
   C. provide a description of Sunny Waters
   D. persuade someone to buy a house in Sunny Waters
Woodman, spare that tree!
Touch not a single bough!
In youth it sheltered me,
And I'll protect it now.
'Twas my forefather's hand
That placed it near his cot;
There, woodman, let it stand,
Thy axe shall harm it not!

When but an idle boy
I sought its grateful shade;
In all their gushing joy
Here, too, my sisters played.

My mother kissed me here;
My father pressed my hand –
Forgive this foolish tear,
But let that old oak stand!

My heart – strings round thee cling,
**Close as thy bark, old friend!**
Here shall the wild-bird sing,
And still thy branches bend.
Old tree! The storm still brave!
And, woodman, leave the spot;
While I've a hand to save,
Thy axe shall harm it not.

*William Pope Morris.*
43. What kind of tree is the poet referring to?
   A. an Oak Tree  
   B. a Pine Tree  
   C. a Mango Tree  
   D. he didn’t say

44. What is the poet trying to do in this poem?
   A. cut down a tree  
   B. remember someone who planted a tree  
   C. save a tree from being cut down  
   D. express love for a tree

45. The poet is
   A. a young boy  
   B. a grown up man  
   C. a little child  
   D. an idle boy

46. The figurative language used in the line “close as thy bark, old friend!” is a (an)
   A. simile  
   B. metaphor  
   C. alliteration  
   D. personification

47. Which statement is true?
   A. the tree passed through many storms  
   B. the poet was an only child  
   C. the poet was always alone by the tree  
   D. the poet didn’t really care about the tree

48. Which of the following best describes the author’s attitude in the passage?
   A. happy and defensive  
   B. angry and hostile  
   C. firm and fearful  
   D. pleading and annoyed
Most Caribbean islands are affected by natural hazards. When they cause great loss of life and property they are then regarded as disasters. One such natural disaster which may affect the islands is a hurricane.

Hurricanes are expected each year during the months of June to November. However, tropical storms and hurricanes may continue to develop and enter the Caribbean region as late as the month of November. Hurricanes are storms that get names. The first hurricane name starts with the letter A, and the names move through the alphabet as more hurricanes appear.

Tropical storms bring heavy rain and strong winds up to 112 kilometers per hour. A storm becomes a hurricane when wind speed is greater than 112 kilometers per hour. The centre of this swirling rising wind is calm. It is called the eye of the hurricane. The eye is like a hole in a doughnut and may be about 16-32 kilometers across. These strong winds and heavy rain can cause loss of life and property. The strong winds churn up great waves called storm surges, which cause severe destruction along coastal areas.

Hurricanes have been studied for many years yet no one is quite sure how they are formed. They need moist air and heat to start them and keep them going. They begin over the warm waters of the Atlantic Ocean during the summer months. Cooler air rushes in to replace the rising air. The spinning of the earth causes the rising air to spin or swirl as well. If you look at the water going out of a drain in a tub you see the same swirling motion. The winds swirl faster and faster as the storm moves over the ocean, producing a wall of thick clouds and rain. The winds in a hurricane become stronger as it moves over the warmer waters of the Caribbean Sea.

Most hurricanes tend to die out after hitting land. A few become strong again, especially if they pass over the sea once more. Others lose some of their strength and the wind speed decreases to that of a tropical storm.

*Marjorie Allen-Vassell and Wintlett Brown*
49. Based on the passage, in which of these months will a hurricane most likely occur?
   A. May
   B. October
   C. December
   D. February

50. In 2017, the first hurricane will be named Arlene, then Brett, then Cindy, then Don. Which storm name might come next?
   A. Egbert
   B. Frederick
   C. George
   D. Hannah

51. Based on the passage which is NOT true about a hurricane?
   A. they are named in alphabetical order
   B. they occur during the months of June to November
   C. they usually die out after hitting land
   D. they bring winds up to 112 kilometers per hour

52. What would you observe if you were in the eye of a hurricane?
   A. strong, spinning winds
   B. thunder and lightning
   C. loss of life and property
   D. calm or very little wind

53. What is the main idea of paragraph 4?
   A. the effects of a hurricane
   B. how a hurricane heats and cools
   C. how a hurricane is formed
   D. the power of a hurricane

54. Winds less than 112 km per hour left an island and travelled over the Caribbean Sea. Based on the passage what do you think will most likely happen next?
   A. the winds can decrease to a tropical storm
   B. the winds can become a hurricane
   C. the winds will die out in the sea
   D. the strong winds will pass over another island
Jacob hated finishing things almost as much as he loved starting them. As a result, he had gotten into a million hobbies and activities, but he never stuck with any of them long enough to get any good. He begged his mother for months for a guitar. She finally got him one for Christmas. He took a few lessons, but strumming the strings hurt his fingers and he didn’t like holding the pick, so now the five-hundred dollar guitar lives under his bed.

After reading an advertisement in the back of one of his comic books, Jacob decided that he wanted a metal detector, so that he could find buried pirate treasure. So he worked in a shop all summer and didn’t spend his money. He saved it all in a shoe box in his closet. Then he looked after the neighbours’ animals on weekends and he didn’t spend his money on candy and chips. By the end of summer he had saved $200, and he purchased the metal detector. He beeped it around the park for a while, but he soon found out that no pirates had ever set sail in his neighborhood. Jacob buried the metal detector in his closet.

Given Jacob’s history with hobbies, it was no surprise that Jacob’s father was reluctant to buy him a magician’s kit for his birthday. “Oh, Jacob… You sure you wouldn’t rather I got you more guitar lessons?” Jacob was determined. “Dad, you’ve got to get me the magician’s kit. This time I’ll stick with it for real. I promise! Jacob’s father sighed and then replied, “Oh, I don’t know, Jacob. Things are awfully tight right now.”

But Jacob’s father was reminded of his own youth long ago, when he quit football and started karate practice. So when Jacob’s birthday came around, Jacob was both surprised and pleased to find the magician’s kit that he had desired so badly. Jacob opened up the box and unwrapped the many parts in the kit. As Jacob continued pulling plastic thumbs, foam balls, and giant playing cards out of the magic kit, an advertisement on the TV caught his attention.

“Hey kids! Have you ever wanted to go to space? Experience what it’s like to be an astronaut? Do you want to explore the universe? Well, now you can.” As the advertisement continued playing, Jacob walked away from the magic kit on the kitchen table and stared at the TV screen. “For only $195 you can go to space camp and live like an astronaut for a whole weekend. Enroll now for a once in a life time experience.” Jacob’s cry rang throughout the house as he yelled, “MOM!” He now knew what his true purpose in life was.
55. How did Jacob get the items he wanted?

A. he ask his dad  
B. he used his own money  
C. he asked him mom  
D. he did all of the above

56. It was no surprise that Jacob’s father was **reluctant** to buy him a magician’s kit for his birthday.

Which word is closest in meaning to the word **reluctant**?

A. ready  
B. unwilling  
C. proud  
D. happy

57. Which character trait best describes Jacob in regards to his hobbies?

A. loyal  
B. dedicated  
C. uncommitted  
D. faithful

58. Based on the story how was Jacob and his father similar?

A. They both liked football as when they were younger.  
B. as a youth Jacob’s father also changed hobbies quickly  
C. Jacob’s father was also a magician  
D. Jacob saved money like his dad

59. After reading the story which of these will Jacob most likely go on to do?

A. raise money to go to space camp  
B. become a great magician  
C. become a pirate treasure detector  
D. learn to play the guitar

60. Which statement best describes the **main idea** of the story?

A. The boy who wasted money foolishly.  
B. The boy who seems to find his purpose in life.  
C. The boy who can’t make up his mind.  
D. The boy with many hobbies.
READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS 60 QUESTIONS.

2. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT MATCHES THE ANSWER YOU HAVE CHOSEN.

3. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

   EXAMPLE:
   
   1. What does the 6 in the number 65 432 represent?

      A. tens of thousands
      B. thousands
      C. hundreds
      D. ones

      The correct answer is tens of thousands, letter A. On your answer sheet you mark:

      A.  
      B.  
      C.  
      D.  

      If you need to change your answer, erase it and circle your new answer.

4. **NO calculators** are allowed.

5. **If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.**
NUMBER CONCEPTS

1. Three million nine thousand and one written in figures is
   A. 3 009 001
   B. 3 900 100
   C. 3 901 100
   D. 3 910 000

2. 25 ones, 30 tens and 60 hundreds represent the number
   A. 6 000 325
   B. 6 325
   C. 925
   D. 695

3. 7 659 written to the nearest hundred is
   A. 8760
   B. 8660
   C. 7700
   D. 7660

4. The highest common factor (H.C.F) of 2, 4 and 6 is
   A. 1
   B. 2
   C. 12
   D. 24

5. The list of numbers; 2, 3, 5, 7, 11, 13, represents the set of
   A. even numbers less than 14
   B. triangular numbers less than 14
   C. odd numbers less than 14
   D. prime numbers less than 14
6. The least number of pencils which can be shared equally among groups of 2, 3 or 6 students is

A. 18
B. 12
C. 6
D. 2

**OPERATIONS**

7. \(1527 + 52 + 41\) is equal to

A. 1520
B. 1610
C. 1620
D. 8137

8. The sum of the following numbers below is

\[
3344 \\
281 \\
281 \\
281
\]

A. 757
B. 1057
C. 3757
D. 3857

9. **Multiply** 96 by 9

A. 814
B. 864
C. 8154
D. 8654

10. Eggs are packed into half dozen cartoon boxes. If **ALL** eggs must be packed into a box, how many boxes are needed to pack 38 eggs?

A. 5
B. 6
C. 7
D. 8
11. Find the difference between 80 000 and 176.

   A. 79 824  
   B. 78 824  
   C. 78 924  
   D. 78 834

12. Choose the correct answer for the operation shown below.

   \[ \begin{array}{c}
   24 \phantom{0} \phantom{0} \phantom{0} 1321 \\
   - 51610 \\
   \end{array} \]

   A. 195 711  
   B. 196 711  
   C. 215 711  
   D. 216 311

13. In the operation, \((136 \times 128)\), multiplying with the 2 (in the number 128), really means multiplying 136 by

   A. 28  
   B. 2  
   C. 20  
   D. 200

14. The best method of estimation that can be used to guess the answer for the division \(7079 \div 39\) is

   A. 7000 \(\div\) 30  
   B. 7100 \(\div\) 40  
   C. 7070 \(\div\) 40  
   D. 7060 \(\div\) 30

15. The mean (average) of the numbers 4, 6 and 10 is

   A. \((4 \times 6 \times 10) \div 3\)  
   B. \((4 + 6 + 10) \div 3\)  
   C. \((4 + 6 + 10) \times 3\)  
   D. \((4 + 6 + 10) + 3\)
16. A top has 6 buttons, and each button has 4 holes. How many holes will there be in 5 similar tops?

A. \((6 \times 5) \times 5\)  
B. \((6 + 4) \times 5\)  
C. \((6 \times 4) + 5\)  
D. \((6 \times 4) \times 5\)

17. If \(K + 3\) is less than 10, then \(K\) must be:

A. greater than 7  
B. less than 7  
C. greater than 10 but less than 13  
D. less than 10 but greater than 7

18. Mr Andrew harvested \(3056\) dasheens. He packed them into bags of 8 dasheens each. How many bags of dasheen did he pack?

A. 357  
B. 382  
C. 24 048  
D. 24 448
19. The product of 61 and 39 is
   A. 2379
   B. 732
   C. 100
   D. 68

20. Grandma Joe was born in 1918 and died in 2008. How old was she when she died?
   A. 88 years
   B. 89 years
   C. 90 years
   D. 91 years

21. There are 36 students in a classroom. 6 of these children did not take part in sports. The rest were placed into teams of 5 players each. How many teams were formed?
   A. 8
   B. 7
   C. 6
   D. 5

22. Larry is R years old. His younger brother is $\frac{1}{2}$ his age. If the sum of their ages is 36, how old is Larry?
   A. 12
   B. 18
   C. 24
   D. 30
23. Joe has 340 stamps and John has 70 more stamps than Joe. How many stamps do they have altogether?

A. 750  
B. 610  
C. 410  
D. 270  

Fractions and Decimals

24. In the diagram below, the shaded portion is represented by the fraction

A. \( \frac{2}{5} \)  
B. \( \frac{4}{6} \)  
C. \( \frac{6}{10} \)  
D. \( \frac{3}{5} \)

25. Which fraction is not equivalent to the others?

A. \( \frac{12}{20} \)  
B. \( \frac{36}{60} \)  
C. \( \frac{6}{10} \)  
D. \( \frac{24}{36} \)
26. Select the equation that is incorrect using the diagrams (fraction walls) below.

A. \( \frac{1}{4} = \frac{2}{8} \)
B. \( \frac{1}{2} - \frac{1}{8} = \frac{3}{8} \)
C. \( \frac{1}{4} + \frac{1}{8} = \frac{3}{8} \)
D. \( \frac{3}{8} - \frac{1}{8} = \frac{1}{2} \)

27. 20 cents written as a decimal is
A. $0.02
B. $0.20
C. $2.00
D. $20.00

28. In the decimal 18.374, the 3 represents
A. 3 ones
B. 3 tenths
C. 3 hundredths
D. 3 thousandths

29. Which number lies between 0.6 and 0.7?
A. 0.50
B. 0.55
C. 0.63
D. 0.80
GEOMETRY

30. Which of the following shapes is a parallelogram?

A. 

B. 

C. 

D. 

31. The polygon shown below is a (an)

A. pentagon
B. heptagon
C. octagon
D. hexagon

32. Each angle in an equilateral triangle measures

A. 60°
B. 120°
C. 140°
D. 180°
33. What 3 – D shape can be created by folding this net?

![Net Image]

A. cube  
B. cuboid  
C. pyramid  
D. cylinder

34. Which of the following is **NOT** a prism?

A.  
B.  
C.  
D.  

35. A solid which has **two flat faces** and **one curved face** is called a

A. wedge  
B. cylinder  
C. pyramid  
D. cone
36. 20 cm of a metre ruler has been cut off. How much of the ruler is left?
   A. 0.6 m  
   B. 0.7 m  
   C. 0.8 m  
   D. 1.0 m

Use the diagram below to answer Questions 37 and 38.

37. The perimeter of PQRSTU is
   A. 24 cm  
   B. 20 cm  
   C. 16 cm  
   D. 12 cm

38. The area of the shape PQRSTU is
   A. 48 cm²  
   B. 36 cm²  
   C. 20 cm²  
   D. 16 cm²
39. In the rectangle shown below, side X is 4 cm longer than side Y. If side Y is 8 cm long, then the area of the rectangle is

\[ \text{Area} = \text{length} \times \text{width} \]

X

\[ \begin{array}{c}
8 \text{ cm} \\
Y
\end{array} \]

A. 96 cm²  
B. 40 cm²  
C. 32 cm²  
D. 24 cm²  

40. Estimate the area covered by the figure shown below.

A. 16 cm²  
B. 14 cm²  
C. 12 cm²  
D. 8 cm²  

41. Which of these would most likely have a capacity of about 3 millilitres?

A. Medicine dropper  
B. Drinking glass  
C. Water bottle  
D. Cereal bowl
42. The most appropriate unit to be used to measure the mass of a feather would be
   A. mg
   B. g
   C. cg
   D. kg

43. If the mass of an orange is about 210 grams, then the mass of 5 such oranges will weigh about
   A. 1.00 kg
   B. 1.05 kg
   C. 1.15 kg
   D. 1.50 kg

44. 150 minutes =
   A. 1 hour and 50 minutes
   B. 2 hours and 15 minutes
   C. 2 hours and 30 minutes
   D. 3 hours and 10 minutes

45. The time shown on the clock is

   A. 20 minutes past 11
   B. 11 minutes to 4
   C. 4 minutes past 11
   D. 5 minutes to 4
46. West Indies plays cricket in India. Dominica is 9 hours behind India. Cricket stops at 5 p.m. in India. What time is it in Dominica?

A. 2 a.m.  
B. 2 p.m.  
C. 8 a.m.  
D. 8 p.m.

47. The value of the groups of $1.00 coins, 5₵ and 10₵ pieces shown below is

A. $2.85  
B. $2.80  
C. $2.65  
D. $2.56
48. Tom went to the store and bought the following items on sale:

- **$10.95**
- **$48.90**

Approximately how much change should he get, if he paid with a $100.00 note?

A. $60.00  
B. $45.00  
C. $40.00  
D. $36.00

49. If two books and a pencil cost $1.40, but the pencil costs 60 cents, What is the cost of a book?

A. $0.80  
B. $0.40  
C. $2.00  
D. $0.30

50. Joshua bought a phone for $485.00 and sold it for $634.00. Which statement is true? He made a

A. profit of $159.00  
B. loss of $149.00  
C. loss of $159.00  
D. profit of $149.00
Statistics and Data Handling

51. Mark wants to count the numbers of different coloured vehicles that drive by within one hour in his neighbourhood. Which of these should he most likely use to **collect** that information?

A. stop clock  
B. tally chart  
C. pictograph  
D. bar graph

52. The diagram shown below is an example of a

![Pie Chart Diagram]

A. bar graph  
B. pictograph  
C. pie chart  
D. frequency cycle

53. Sarah collected data on the shoe size worn by students in her class. She recorded the information in this table.

<table>
<thead>
<tr>
<th>Shoe Sizes</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Students</td>
<td>2</td>
<td>10</td>
<td>6</td>
<td>4</td>
</tr>
</tbody>
</table>

How many students wore sizes 6 to 8 shoes?

A. 6  
B. 14  
C. 20  
D. 22
Use the Graph Below to answer Questions 54 - 56

Mrs Rhodes brought some coloured balloons to share in the classroom. How many students would most likely choose the red balloons?

A. 4
B. 5
C. 9
D. 10

55. How many students were in Grade 6 Alpha?

A. 29
B. 12
C. 10
D. 4

56. How many more students preferred the colour blue than yellow?

A. 9
B. 8
C. 5
D. 4
Patterns, Functions and Algebra

57. Which number completes the number pattern below?

___, 101, 111, 121, 131

A. 110
B. 100
C. 90
D. 91

58. The coordinates of point P are

A. (3, 4)
B. (4, 3)
C. (2, 3)
D. (4, 5)

59. Use the equations shown below to answer the question that follows.

\[
\begin{align*}
3 + 2 + 8 + a &= 20 \\
5 + 3 + 6 + b &= 20 \\
9 + 4 + 3 + c &= 20
\end{align*}
\]

From the equation shown above, we can say that \( a + b + c = \)

A. 20
B. 17
C. 16
D. 15
60. Study the diagrams below; which show a pattern.

Diagram 1  Diagram 2  Diagram 3

How many dots are needed to draw **Diagram 5**?

A. 28  
B. 25  
C. 21  
D. 17
MINISTRY OF EDUCATION AND HUMAN RESOURCE DEVELOPMENT.

INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS 50 QUESTIONS.

2. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT MATCHES THE ANSWER YOU HAVE CHOSEN.

3. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

**EXAMPLE:**

1. Which object is most likely to float in a container of water?

   A. leaf
   B. key
   C. pen
   D. coin
   E. 

   The correct answer is leaf, letter A. on your answer sheet you mark:

   A.  
   B.  
   C.  
   D.  

   ![Shaded A]

   If you need to change your answer, erase it and circle your new answer.

4. If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.

©CMEU/2017
1. In which body system would you find the trachea?

(A) Heart, (B) Lungs, (C) Kidneys, (D) Digestive System

2. Identify the path taken by a piece of cheese through the alimentary canal during the digestion process.

A. mouth, stomach, esophagus, intestines, rectum and anus
B. stomach, esophagus, mouth, intestines, anus and rectum
C. mouth, esophagus, stomach, intestines, rectum and anus
D. esophagus, stomach, mouth, intestines, anus, rectum
3. Which characteristic of living things does the diagram below **BEST** illustrate?

A. reproduction  
B. growth 
C. movement 
D. sensitivity

4. Which letter labels the female reproductive parts in the flower below?

A. W  
B. X  
C. Y  
D. Z
5. Living things can be divided into groups as shown in the diagram below.

![Living things diagram]

A characteristic that separates plants into two groups is whether they
A. have backbone or not
B. have roots and leaves or not
C. can make their own food or not
D. have flowers or not

6. The diagram below shows a magnified view of an air sac in the human lung.

![Blood circulation diagram]

Which two body systems are working together in this diagram?
A. reproductive and digestive
B. circulatory and digestive
C. respiratory and reproductive
D. circulatory and respiratory

7. The flow of energy from one organism to the other can be demonstrated with the use of a diagram depicting a

A. electrical circuit
B. food chain
C. magnetic field
D. water cycle
8. Study the picture below carefully.

![Picture of a river and surrounding landscape]

The picture best describes

A. pollution  
B. a population  
C. water cycle  
D. habitats

9. In order for the fish to breathe properly, it must have an adequate amount of

![Picture of a fish in a tank]

A. food  
B. oxygen  
C. warmth  
D. space

10. An adult frog feeds on insects. What type of consumer is the frog in the picture shown below?

![Picture of a frog]

A. decomposer  
B. herbivore  
C. parasite  
D. carnivore
11. When the following organisms shown below, are arranged into a food chain, the order would be

rabbit  worms  man  carrot

A. carrot → rabbit → man → worms
B. rabbit → worms → man → carrot
C. carrot → man → worms → rabbit
D. worms → carrot → rabbit → man

12. Which habitat, do you think, will be the largest among those listed below?

A. forest  
B. ocean  
C. desert  
D. tundra

13. Which of the following is responsible for the return of nutrients into the ecosystem?

A. decomposers  
B. producers  
C. consumers  
D. scavengers

14. What behavior helps living things survive in a changing environment?

A. producer  
B. ecosystem  
C. food chain  
D. adaptation
The diagram below shows the number of Mountain Chickens (frogs) in Dominica and how the population has changed over the years.

15. Which of the following is the BEST possible explanation for a change in the frogs’ population?

A. Frog parasites decreased in Dominica.
B. The temperature increased in Dominica causing a change in population.
C. Frog prey and increased diseases in Dominica affected the population.
D. The amount of plants and animals increased.

16. In what direction does the Earth rotate or spin on its axis?

A. west to east
B. east to west
C. north to west
D. south to north
Study the diagram carefully to answer question 17

17. The planet labelled 3 is called?
   A. Mars  
   B. Mercury  
   C. Earth  
   D. Venus

18. What type of **renewable** energy can be used to make a calculator work?
   A. battery  
   B. gears  
   C. magnet  
   D. solar

19. What do **wind**, **water** and **heat** all have in common?
   A. they all are pure elements  
   B. they all are renewable resources  
   C. they all make life easier  
   D. they are all non-renewable resources

20. Which of these is a **non-renewable** resource?
21. The advertisement shown below was seen in Laudat. What type of energy is being used?

A. rock  
B. banana tree  
C. river  
D. wind

![Visit the Power Plant](image)

A. solar  
B. hydro electricity  
C. wind  
D. geothermal

22. Dan wants to know how much moisture is in the air. Which of the following weather instruments would he use to collect his data?
23. Study the weather report below.

![Weather Report](image)

The above is an excerpt from a weather report. Which of the following readings was taken from an anemometer?

A. 995 km  
B. E 11 km/h  
C. 28° Celsius  
D. 78%

24. Which of the following is caused by climate change?

A. Planting of trees  
B. Overuse of cell phones  
C. lack of emergency shelters  
D. Severe storms

25. In the water cycle illustrated below, which process is labelled II?
26. Study the picture below carefully.

What forms of energy are being used to dry the clothes on the line?

A. heat and mechanical
B. electrical and heat
C. thermal and sound
D. sound and electrical

27. Shem left four different containers with equal amounts of water in the sun. Which of the following **BEST** describes what he was experimenting?
28. The diagram below shows 4 circuits with different arrangements of identical **cells** and **bulbs**. The bulbs in all circuits light up.

In which one of the following circuits would the bulb(s) produce the **BRIGHTEST** light?

A. S  
B. R  
C. Q  
D. P

29. A beam of white light is shone unto the object in the diagram below and cast a **dark** shadow on the screen. Which one of the following **objects** is it likely to be?
30. In the diagram shown below, a bike is stopped at different positions on a hill. In which position will its potential energy be **GREATEST**?

A. W  
B. X  
C. Y  
D. Z

31. In which of the following pictures below will the boy hear the **LOWEST** pitch when he blows across the bottles?
32. Which one of the pulley system shown in the diagrams below requires the **MOST** effort to lift the same weight?

A. 

![Diagram A](image1)

B. 

![Diagram B](image2)

C. 

![Diagram C](image3)

D. 

![Diagram D](image4)

33. To get the barrels on top of the truck, what can you make best use of?
34. Study the diagram carefully to answer the question that follows.

Two students are playing on a swing set. Student 1 is leaning back and extending her legs as she moves upward. Student 2 is sitting on the swing with his feet on the ground.

Which statement **BEST** describes how **position and work** are related in this picture?

A. Both students are doing work because they are on the swing.
B. Work done by Earth’s gravity prevents Student 2 from changing position
C. Work is done by the swings because one swing is changing position
D. Student 1 is changing position because work is being done on the swing

35. A moving vehicle was stopped by applying brakes. What type of force was applied?
A. weight
B. friction
C. momentum
D. gravity

36. Which state of matter has the particles packed the **MOST** tightly together?

A. solid
B. plasma
C. gas
D. liquid

37. Which thermometer shows reading for the **boiling point** of water?

![Thermometer Diagram]

A. 1
B. 2
C. 3
D. 4

38. In the diagram, which process caused the water droplets to appear on the outside of the glass?
A. condensation
B. evaporation
C. precipitation
D. sublimation

39. In the picture below, if more air can still be pumped into the car’s tyre, this tells us that air

A. has weight
B. has no volume
C. occupies space
D. has no mass

40. Which one of the following substances will NOT dissolve in water?

A. powdered milk
B. powdered chalk
C. honey
D. salt

AGRICULTURE SCIENCE
41. Agriculture is best described as

A. the business of growing of crops and raising animals for human use and consumption  
B. the growing of crops for human use and consumption  
C. the raising of animals for human use and consumption  
D. the use of machines to produce crops

42. Which type of soil holds more water?

A. sandy soil  
B. loamy soil  
C. river sand  
D. clayey soil

43. Study the picture below.  
Before laying a plant into the hole, some compost was placed at the bottom of the hole and covered with soil. What is compost?

A. A mixture of different types of soil  
B. A mixture of fertilizers  
C. A mixture of sand and stones  
D. A mixture of dry leaves and stalks, vegetable peels, animal waste, kitchen waste

44. A farmer plants corn over and over on the same piece of land. He notices that he gets less corn each time he harvests. He manages the soil by making sure that he ploughs the land before planting and waters the plants using an irrigation system.
What else can the farmer do to eventually increase the quality of his corn harvest on that same piece of land?

A. keep the soil moist
B. build drains around his garden
C. plant some short term legumes
D. weed his garden regularly

45. Which picture shows one of the safety practices usually employed by farmers when managing their farms?

A. 1
B. 2
C. 3
D. 4

46. Which of the following pests is MOST harmful to cabbage and lettuce crops?

A. Caterpillars
B. Birds
C. Poison ivy
D. Beetles

47. Which of the following crops grow BEST in greenhouses?

A. citruses
B. mangoes
C. vegetables
D. bananas

48. A farmer who wants to go into poultry farming would raise

A. chickens, turkey, pigs
B. ducks, geese, rabbits
C. chickens, turkeys, ducks
D. rabbits, pigs, goats

49. Which of the following is commonly known as a Lionfish and is very aggressive to other marine life in the Caribbean sea?

A. 1
B. 2
C. 3
D. 4

50. The skin of cattle is used to make

A. beef
B. dairy products
C. wool
D. leather
SOCIAL STUDIES
1¼ HOURS

INSTRUCTIONS

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3. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE:

1. Which of these is a primary product?
   A. soap
   B. pasta
   C. banana
   D. fertiliser

   The correct answer is banana, letter C. On your answer sheet you mark:

   A. B. C. D

   If you need to change your answer, erase it and circle your new answer.

4. If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM.
LOCATION, PEOPLE AND PLACES

Study the map and answer questions 1 - 2

1. Which of the following can be found at the parish marked ‘B’?
   
   A. Portsmouth Cruise Ship Berth  
   B. Douglas Charles Airport  
   C. Woodbridge Bay Harbour  
   D. Dame Eugenia Boulevard

2. Your cousins from England would like to visit the Kalingo Territory. To which parish should they be taken?

   A. St. David  
   B. St. Patrick  
   C. St. Andrew  
   D. St. John
3. Study the Caribbean map and answer the following question

Based on the map above, the capital city located at 18° N, 76 °W could be

A. Roseau
B. Havana
C. Port – au – Prince
D. Kingston

4. The diagram below depicts the layers of the Earth’s structure.

The layer labelled Y is known as the

A. Crust
B. Core
C. Mantle
D. Plates
Study the world map below to answer questions 5 - 6

5. To travel from landmass T to P one must travel
   A. northeast
   B. due east
   C. due south
   D. southwest

6. The landmass labelled X is an example of a/an
   A. island
   B. peninsular
   C. gulf
   D. isthmus
7. Use the map to answer the following question.

The shaded regions shown in the map above depict

A. hot and dry regions
B. polar regions
C. hot and wet regions
D. temperate regions

8. The dance portrayed below (the Quadrille) originally came from which settlers?

A. European
B. African
C. Asian
D. Caribbean
Use the diagram below to answer questions 9 – 10

9. The people who travelled along route 3, during the 15th century, used these as a form of transport.
   A. sailing ships
   B. yachts
   C. steam ships
   D. cruise ships

10. All of these were transported along route 1 during the 15th century EXCEPT.
    A. sugar cane
    B. Indentured servants
    C. green bananas
    D. tobacco and coffee

**CIVIC IDEALS AND PRACTICES**

11. The Golden Drum Awards is usually given during the
    A. National Youth Rally
    B. Carnival celebrations
    C. World Creole Music Festival
    D. DOMFESTA celebrations
12. W.O.M Pond is known for
   A. designing the National Flag
   B. composing the words of the National Anthem
   C. writing musical arrangements for the National Anthem
   D. designing the Coat of Arms

13. Jaco, Pharcelle, Balla and Congore were all famous
   A. black rangers
   B. estate owners
   C. maroons
   D. tradesmen

14. Which of the following dances is **NOT** accompanied by the band shown below?
   A. Bèlè
   B. Flirtation
   C. Mazouk
   D. Heel and Toe

15. The Dominica National football team must play official matches dressed in the national colours. These colours should include:
   A. black, yellow and green
   B. black, yellow and gold
   C. white, black and orange
   D. green, gold and orange
16. The French people, who settled in Dominica, most likely named all of these villages EXCEPT?

A. Fond St. Jean  
B. Petite Savanne  
C. Castle Bruce  
D. Vieille Case

17. The day when someone formally shows their intention to contest an election for a constituency is called

A. Election Day  
B. Parliament Day  
C. Polling Day  
D. Nomination Day

18. The Minister of Finance in Dominica is

A. Hon. Rayburn Blackmore  
B. Hon. Kelver Darroux  
C. Hon. Roosevelt Skerrit  
D. Hon. Justina Charles

19. Jack was just recently elected as leader of his school’s student council. What will be the best advice to give him in his new position?

A. Listen to only the members that like him.  
B. Make all the decisions for the council by himself.  
C. Allow other members to attend whenever they want.  
D. Always lead by example and be a role model to others.

20. A 17 year old citizen in Dominica has all of the following rights EXCEPT

A. freedom of religious practices  
B. freedom of speech  
C. the right to vote  
D. the right to a fair trial
21. The branch of government responsible for ensuring that Dominican laws are enforced is the

A. legislative  
B. judiciary  
C. cabinet  
D. opposition

22. The flag shown below belongs to which island?

![Flag Image]

A. St. Lucia  
B. Barbados  
C. St. Vincent  
D. Antigua

23. Which of the following programmes primary focus is create jobs for young people?

A. National Employment Programme  
B. Citizens by Investment Programme  
C. Yes We Care Programme  
D. Government Information Programme

24. Every 2nd Monday in March the Queen of England addresses 54 Nations. That day is celebrated as

A. Martin Luther King Day  
B. CARICOM Day  
C. Commonwealth Day  
D. AIDS Awareness Day
25. Mr. Jones is a banana farmer who decided to join an “agricultural cooperative”. He joined the cooperative for all of the following **EXCEPT**

A. To meet and get ideas from other farmers who sell bananas  
B. To assist him in the growth and sustenance of his business  
C. To save his money made from banana sales  
D. To collect money from farmers in his surrounding village

26. All these are regional organizations in the Caribbean **EXCEPT**

A. UNESCO  
B. CSME  
C. CARICOM  
D. OECS

27. The OAS General Secretariat is located in

A. Barbados  
B. Mexico  
C. Washington  
D. Trinidad

28. Use the diagram below to answer the following question

![Logo](image)

*Our primary role is to direct and coordinate international health within the United Nations’ system.*

The logo and statement above most likely belongs to the

A. Ministry of Health  
B. International Monetary Fund  
C. Princess Margaret Hospital  
D. World Health Organization
RESOURCES

29. Which of these describes the process of erosion?
   A. gradual wearing away of top soil by elements of nature
   B. protection of plants and animals
   C. use of natural resources to make light and heat
   D. flooding of rivers after heavy rains

30. Study the picture below to answer the question.

   ![Diagram showing factors contributing to climate change]

   The picture above shows factors which contribute towards
   A. deforestation
   B. water pollution
   C. global warming
   D. economic development

31. A group of eco tourist would like to take a boat ride through a mangrove swamp in Dominica. Where is the best place that this activity could take place?
   A. Soufriere hot springs
   B. Boiling Lake
   C. L’escalier Tête Chien
   D. Indian River
32. Study the picture below and answer the following question.

![Image of a piggy bank with water drop]

What message is best illustrated in the picture above?
A. Investing in water can make one wealthy.
B. The importance of conserving water
C. Fill your piggy bank with water when there is a shortage.
D. Save money to buy water in the future.

33. Bauxite is a **non-renewable** resource. This means that
A. bauxite can be found in an abundance in one area.
B. bauxite is the most precious mineral in the region
C. once mined bauxite will no longer be found in that area
D. once mined, bauxite can be replaced over a short period of time

34. Which of these is a **renewable** resource?
A. coal
B. petroleum
C. water
D. diamond

35. Which of the following countries has tobacco as its main export?
A. Cuba
B. Trinidad
C. Dominica
D. Barbados
36. Which of the following statements about the effects of tourism is **NOT TRUE**?

A. Most of the government’s revenue generated comes from taxes and fees.
B. It can create many employment opportunities in a country.
C. Employment in the tourism industry is not always secure.
D. It generates the same amount of revenue every year in a country.

37. Which of these is an **economic** advantage of opening a canning factory in Dominica?

A. Employment will be created for Dominicans.
B. More raw materials will have to be imported.
C. Less exports of local juices.
D. Less air and water pollution

38. The diagram below illustrates a good reason why countries need

![Diagram of raw materials needed by a company in St Lucia involved in beer production]

A. tourism policies
B. trading partners
C. conservation laws
D. government taxes

39. Which of the following is an example of a worker who **ONLY** provides a service?

A. teacher
B. banana farmer
C. miner
D. factory worker
40. Which of these list Dominica’s three internet providers?

A. DIGICEL PLAY, DOMLEC, Marpin 2K4  
B. FLOW, Marpin 2K4, DIGICEL PLAY  
C. DOWASCO, FLOW, Marpin 2K4  
D. FLOW, Courts, DIGICEL PLAY

SOCIAL ISSUES AND CHANGE

41. Which of the following statements is NOT true?

A. Drug abuse is a community issue  
B. Any drug can be abused.  
C. Alcohol is an illegal drug.  
D. Unemployment can lead to drug abuse.

42. Which is the BEST way for the government to deal with the drug problem in Dominica?

A. buy all the drugs from all the drug dealers.  
B. keep all drug dealers in a special centre away from children  
C. pay young people so they will not use drugs.  
D. allow schools to teach children about the dangers of drugs.

43. All of these are committees or organizations which focus on improving social conditions on our island EXCEPT

A. Dominica Social Security  
B. CHANCES  
C. Operation Youth Quake  
D. Basic Needs Trust Fund

44. Each one of these is considered to be people’s basic needs EXCEPT

A. food  
B. shelter  
C. clothing  
D. television
45. Study the cartoon strip below to answer the question that follows.

**Based on the picture,** one reason why someone would feel the need to have the gang’s tattoo is to

A. get recognition  
B. make money  
C. find excitement  
D. commit crimes

46. One benefit of Universal Secondary Education is to ensure that every

A. household has a university graduate  
B. child gets a chance to attend a secondary school  
C. child is promoted and is not repeated  
D. child gets free text books to attend school

47. Which of the following has contributed most towards **positive** social change among young people in Dominica?

A. more job opportunities in the public sector  
B. more teenage pregnancies  
C. increased access to education  
D. introduction of Yes We Care Program

48. All these can be **positive** effects of migration **EXCEPT**

A. new cultures  
B. new ideas  
C. population growth  
D. possible conflict
49. The diagram shown below is an example of a book read by people who have difficulty with their sense of

A. touch
B. sight
C. hearing
D. reading

50. Which of these is the slowest form of communication?

A. 

B. 

C. 

D. 